

I & P Deptt.
Maharashtra.
State.

CENTRAL DESIGN ORGANISATION, Bombay.

UNIT 'F'
Sheet No.

ITEM OF DESIGN.

TG - 33.

S.E.(G) Circular No. F/T.G.33/23/438.

'F' UNIT,
CENTRAL DESIGN ORGANISATION,
IRRIGATION DEPARTMENT,
GOVERNMENT OF MAHARASHTRA,
OPP. H.P. BLDG., J.T. ROAD,
B O M B A Y - 400 020.

DATE :- 17/1/1976.

Sub :- Level of bye pass pipe for operation of
Emergency Gate in balanced condition in
case of outlets with two gates in tandem.

According to the present practice the inlet level for
the bye pass pipe for outlets is fixed at the M.D.D.L. This
was intended for ensuring the balanced water pressure conditions
for lifting the emergency gate during the entire year.

This arrangement however does not provide any facility
for maintaining the wire mesh and flap valve at the inlet
end and the valve located in the hoist well. It has therefore
been decided to fix the inlet level for the ~~xxx~~ ~~xxx~~ bye pass
arrangement at 15% of (F.R.L. - L.W.L.) or 5m whichever is higher
above the L.W.L. This criteria is to be adopted for usual
types of irrigation or power outlets having head over the sill
level upto 80 metres above which special considerations may
govern.

Sd/-
(D.L.GARUD.)
SUPERINTENDING ENGINEER, (GATES).

Copy to S.E.(G)'s file.

Copy to the Executive Engineer, 'F', 'G', 'H', 'J' Unit,
C.D.O., Bombay and 'N' Division, Nasik for information.

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